



# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY**

**NPR 1080.1**

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**Subject: NASA Science Management**

**Responsible Office: Science Mission Directorate**

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## **Chapter 4. Data Protection, Publication, and Disseminating Results**

### **4.1 Quality of Scientific Information**

NASA follows the Governmentwide guidelines issued by OMB in response to Section 515 of the Treasury and General Government Appropriations Act for Fiscal Year 2001 (Pub. L. 106-554; H.R. 5658). Section 515 directs OMB to "provide policy and procedural guidance to Federal agencies for ensuring and maximizing the quality, objectivity, utility, and integrity of information disseminated by Federal agencies. OMB defines "quality" as the encompassing term, of which "utility," "objectivity," and "integrity" are the constituents. "Utility" refers to the usefulness of the information to the intended users.

"Objectivity" focuses on whether the disseminated information is being presented in an accurate, clear, complete, and unbiased manner, and as a matter of substance, is accurate, reliable, and unbiased. "Integrity" refers to security -- the protection of information from unauthorized access or revision to ensure that the information is not compromised through corruption or falsification. NASA works to conform to these guidelines by using program reviews to ensure utility, peer review to measure objectivity, and following guidelines to protect integrity. NASA has established, per OMB requirements, a process by which members of the public can request correction of information that they feel does not meet guidelines for quality. The Office of the Chief Information Officer can provide details regarding this process.

### **4.2 Publication and Disseminating Results**

4.2.1 NASA and NASA-sponsored authors are encouraged to publish in widely accessible peer reviewed journals and to make oral presentations at professional societies. Results of NASA Scientific and Technical Information (STI) must be published in the NASA STI Report series whenever possible. NASA policy and requirements for STI are described in the NPD 2200.1, Management of NASA Scientific and Technical Information and NPR 2200.2, Requirements for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information.

4.2.2 NASA and NASA-sponsored authors are also encouraged to support education and public outreach, collaborate with the NASA's Public Affairs Office in preparing press releases and related materials, and engage in community service activities such as serving on peer review panels and advisory bodies.

### **4.3 Data Protection**

4.3.1 Protection of scientific data and documents shall be in accordance with the following:

- a. NPD 1440.6, NASA Records Management (regarding proper archiving and disposal of Federal records).
- b. NPD 1600.2A, NASA Security Policy.
- c. NPR 1600.1, NASA Security Program Procedural Requirements.
- d. NPR 2810.1, Security of Information Technology (regarding the integrity of data and protection from authorized access or change).
- e. NPR 7500.1, NASA Technology Commercialization Process (regarding data rights).

1. NPD 2200.1, Management of NASA Scientific and Technical Information.

9. NPR 2200.2, Guidelines for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information (regarding special handling for data with export control and other restrictions).

4.3.2 In addition, the two latter documents, NPD 2200.1 and NPR 2200.2, apply to data, the publication or distribution of which is restricted by law, regulation, or policy (such as data and information subject to National security classification, export control, archeological resources protection, or privacy protection, and proprietary information of the Government or others such as trade secret information, copyrighted information, Small Business Innovation Research (SBIR) data, and documents disclosing inventions).

## 4.4 Responsibilities

4.4.1 NASA shall require all authors sponsored by NASA to be responsible for the quality of the scientific information submitted for publication or presented at technical meetings and for obtaining approval for dissemination of the information in accordance with NASA policy, procedural requirements, and guidelines. These requirements shall be included in the BAA.

4.4.2 The NASA Chief Information Officer is responsible for creating and disseminating policy related to data protection and information security.

## 4.5 Requirements

4.5.1 NASA places no requirements on publication or dissemination solely by contractors or grantees of the results of scientific research conducted under a NASA contract or grant. Contractors and grantees have the right to publish or disseminate data first produced by the contractor or grantee in the performance of a contract or grant, except to the extent such data may be subject to Federal export control or national security laws or regulations, or unless otherwise provided in the contract or grant. To the extent a contractor or grantee receives or is given access to data necessary for the performance of a contract or grant which contains restrictive markings, the data shall be treated in accordance with the markings.

4.5.2 NASA scientists and researchers who publish the results of their research shall follow NPR 2200.2, Guidelines for Documentation, Approval, and Dissemination of NASA Scientific and Technical Information.

4.5.3 Scientific data shall be protected in accordance with section 4.3 of this document.

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